

MASTER

C A T A L O G

METAL

WEATHERSTRIPS



MASTER

WEATHERSTRIPS

THRESHOLDS

EDGINGS—NOSINGS

SPECIAL STRIPS

CALKING COMPOUNDS



BOOK-CADILLAC HOTEL, DETROIT, MICH.
(MASTER EQUIPPED)



TYPICAL INSTALLATIONS

DISTRIBUTION—Located in more than 300 cities of the United States, Master Weatherstrip contractors and dealers are reputable, thoroughly experienced and skilled in the installation of Master equipment. They can be depended on for first-class workmanship at reasonable prices and are capable of applying weatherstrips in a manner that will guarantee permanent, trouble-free service. Write us for the name of our dealer in your vicinity.

GENERAL INFORMATION—The prime essential of metals used for weatherstrips is rust resistance. Zinc, a non-ferrous metal, lends itself admirably to weatherstrip manufacturing, and its low price makes it most economical. Sheet and ribbon zinc are the two types in common use. Sheet zinc is the superior in tensile strength, durability, and the ability to withstand extremes of temperature. When used for Master Weatherstrips, this zinc is sheared and formed against the grain—known as cross-grain zinc.

Practically all Master Strips can be furnished in cold rolled bronze. The use of this material is advisable for weatherstrips to be installed in close proximity to the ocean or in an extremely corrosive atmosphere.

In addition to zinc and cold rolled bronze, many of our weatherstrips are supplied in a specially developed aluminum alloy known as "Masterloy." Chief among the properties which make this a superior metal for weatherstrips are high resistance to the corrosive action of the atmosphere, high tensile strength, exceptional wearing qualities, and a silvery lustrous finish that harmonizes well with white metal hardware, trim mouldings, etc.

MANUFACTURING FACILITIES—Nearly two decades of experience in the manufacture of high grade weatherstrips have contributed to make the Master line outstanding in its field. A spacious plant with finest available manufacturing equipment, highly trained personnel, large stocks of raw and finished material, central location and fine shipping facilities are factors that assure high quality products and prompt delivery. Our resources are ample for the largest metal strip job and no order is too small to receive our prompt and careful attention.

SERVICE—Our Engineering Staff is available for consultation at any time regarding your weatherstrip problems.

MASTER METAL  STRIP SERVICE

1720 N. KILBOURN AVENUE, CHICAGO, ILLINOIS

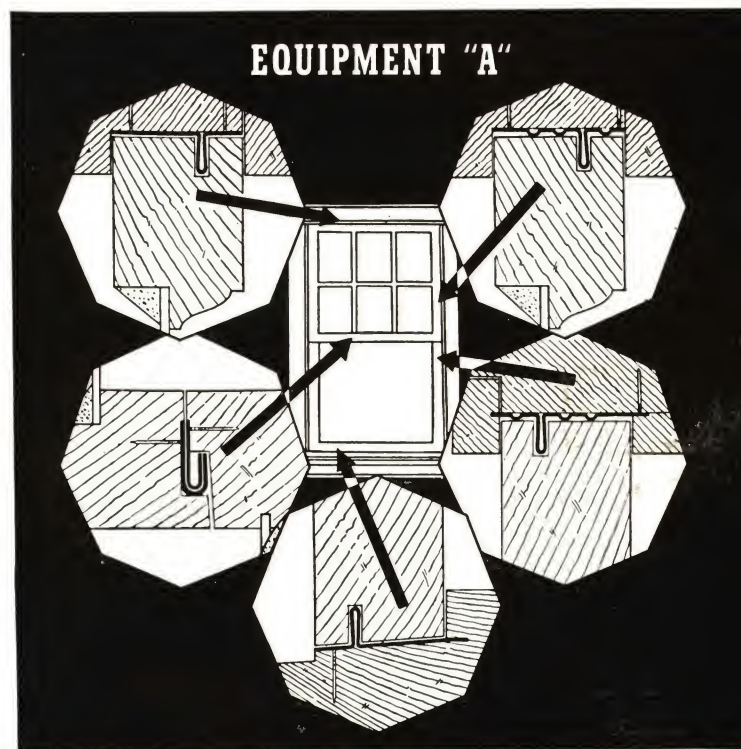
DOUBLE HUNG WINDOW WEATHERSTRIPS

MASTER EQUIPMENT "A"

For residential work where the equipment is subject to only moderate use, Equipment "A" is ordinarily specified. Here, of course, the lower cost also is a factor of importance.

Sash grooves are $\frac{9}{64}$ in. wide and $\frac{1}{2}$ in. deep, allowing a clearance of $\frac{1}{64}$ in. Experience has shown this clearance permits maximum efficiency and yet is sufficient to allow the sash to operate smoothly even though the wood may swell. Strips are wide enough to cover full width at head, sill, and pulley stiles. Height of rib strip is full $\frac{1}{2}$ inch, assuring positive contact regardless of sash shrinkage.

MASTER EQUIPMENT "A"					
Meeting Rail Strips 12 Gauge Zinc (.028) All Other Strips 9 Gauge Zinc (.018)					
Meeting Rail	Head Strip	Sill Strip	Lower Side Strips	Upper Side Strips	Thickness of Sash
Nos. 11 and 12	No. 4P	No. 6P	No. 6C	No. 4C	1 $\frac{3}{8}$ in.
Nos. 11 and 12	No. 6P	No. 7P	No. 7C	No. 6C	1 $\frac{3}{4}$ in.
Nos. 11 and 12	No. 8P	No. 9P	No. 9C	No. 8C	2 $\frac{1}{4}$ in.
ALSO AVAILABLE IN COLD ROLLED BRONZE					



TO SPECIFY—Equip Double Hung Wood Windows with Master Weatherstrip Equipment "A" (cross grain zinc) (cold rolled bronze).

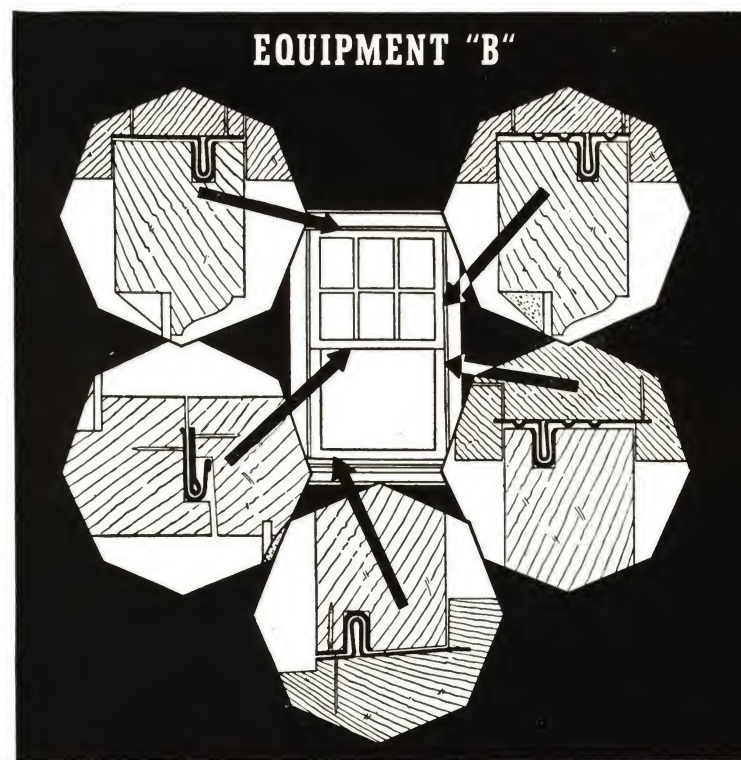
MASTER EQUIPMENT "B"

A practical, heavy duty equipment which conforms to Government specifications for post offices, schools, and other public buildings where abnormal usage is apt to be encountered.

All grooves are lined with metal liners, insuring smooth sliding windows at all times. Head strip and sill strip are of heavy 12 gauge zinc to withstand possible damage by window washers and others. Height of rib is full $\frac{1}{2}$ inch.

It is advisable to specify Equipment "B" for large windows and for sash thicker than 1 $\frac{3}{4}$ in.

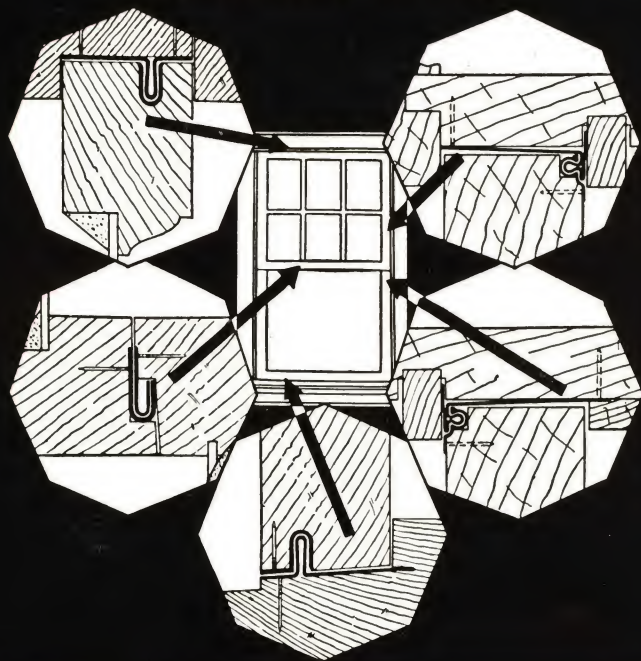
MASTER EQUIPMENT "B"					
Head, Sill and Meeting Rail Strips 12 Gauge Zinc (.028) Side Strips 9 Gauge Zinc (.018) Liner Strips 8 Gauge Zinc (.016)					
Meeting Rail	Head Strip	Sill Strip	Lower Side Strips	Upper Side Strips	Thickness of Sash
Nos. 11 and 12	No. 4S	No. 6S	No. 6C	No. 4C	1 $\frac{3}{8}$ in.
Nos. 11 and 12	No. 6S	No. 7S	No. 7C	No. 6C	1 $\frac{3}{4}$ in.
Nos. 11 and 12	No. 8S	No. 9S	No. 9C	No. 8C	2 $\frac{1}{4}$ in.
No. 16 LINER STRIP FOR ALL GROOVES					



TO SPECIFY—Equip D. H. Wood Windows with Master Heavy Duty Equipment "B" (cross grain zinc) (cold rolled bronze) with liners.

DOUBLE HUNG WINDOW WEATHERSTRIPS

EQUIPMENT NO. 260



TO SPECIFY—Equip D. H. Wood Windows with Master Tubular Equipment No. 260 (cross grain zinc) (cold rolled bronze).

MASTER EQUIPMENT No. 260

Master No. 260 Tubular Equipment for double hung windows is notable for its high efficiency, easy sliding action, and ability to adjust itself to changes in the sash caused by warpage or shrinkage. Metal to metal contact at all points is provided by the use of zinc interliners in all grooves.

The ideal weatherstrip equipment for either old or new work.

Furnished in cold rolled bronze or aluminum alloy, as well as the standard cross grain zinc.

MASTER EQUIPMENT No. 260

Meeting Rail Strips 12 Gauge Zinc (.028)
Liner Strips 8 Gauge Zinc (.016)
All Other Strips 9 Gauge Zinc (.018)

Meeting Rail	Head Strip	Sill Strip	Lower Side Strips	Upper Side Strips	Thickness of Sash
Nos. 11 and 12	No. 4P	No. 6P	No. 261	No. 260	1 3/8 in.
Nos. 11 and 12	No. 6P	No. 7P	No. 262	No. 261	1 3/4 in.
Nos. 11 and 12	No. 8P	No. 9P	No. 264	No. 263	2 1/4 in.

No. 16 LINER STRIP FOR ALL GROOVES

EQUIPMENT NO. 270



TO SPECIFY—Equip D. H. Wood Windows with Master Weatherstrip Equipment No. 270 (cross grain zinc) (cold rolled bronze).

MASTER EQUIPMENT No. 270

Master Equipment No. 270 for double hung windows has many of the good features of the Master Tubular Equipment, including the ability to adjust itself to expansion and contraction of the sash.

While the action is flexible, the strips themselves are made of substantial 9 gauge cross grain zinc and are designed to endure.

This equipment is particularly well adapted to sash equipped with special sash balances, such as Unique, Pullman, etc. where the ordinary type of weatherstrip cannot be used.

MASTER EQUIPMENT No. 270

Meeting Rail Strips 12 Gauge Zinc (.028)
All Other Strips 9 Gauge Zinc (.018)

Meeting Rail	Head Strip	Sill Strip	Lower Side Strips	Upper Side Strips	Thickness of Sash
Nos. 11 and 12	No. 4P	No. 6P	No. 271	No. 270	1 3/8 in.
Nos. 11 and 12	No. 6P	No. 7P	No. 272	No. 271	1 3/4 in.
Nos. 11 and 12	No. 8P	No. 9P	No. 273	No. 272X	2 1/4 in.

LINER STRIPS OPTIONAL FOR HEAD AND BOTTOM GROOVES

MASTER EQUIPMENT No. 200-J

(Patent Pending)

This new sill equipment is especially designed to overcome the problem of condensation forming on the glass of inswinging casements. Such condensation as may form runs into the channel and is carried off through the weep holes. The drip cap, which is an integral part of the channel, prevents water being forced directly through, and also is a protection against clogging up the weep holes when painting is being done. The interlocking hook and the spring tension strip are both made from "Masterloy" aluminum alloy to conform to the channel itself. This is probably the most watertight casement channel on the market.

MASTER EQUIPMENT No. 300-L

This is a very satisfactory equipment for weatherstripping inswinging wood casements.

The capacity of the trough is ample to permit a considerable amount of water to drain off through the weep holes.

For the sides and tops of casements, the same equipments used on doors are also applicable. In this case we show heavy zinc interlocking strips at the heads, sides, and centers.

The bottom equipment requires very little rabbeting and can be used on thin sash as well as sash of standard thickness.

In conjunction with the heavy channel is a tightly interlocking hook and a flexible bronze tension strip to provide complete protection in sealing out cold air and dust as well as moisture.

MASTER EQUIPMENT No. 70-K

Undoubtedly more inswinging casement windows have been weatherstripped with No. 70-K Equipment than any other type.

It consists of three members, a heavy zinc channel, a flexible bronze front member, and an interlocking zinc rear hook.

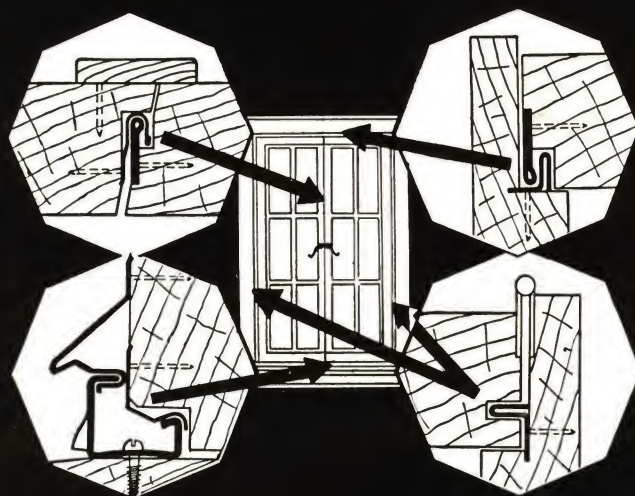
Weep holes are provided to allow water to drain out. Calking compound is used under this channel as well as others shown on this page to prevent water seeping through at that point.

Where exposure is not unduly severe, spring bronze weatherstrips can be substituted at the sides and top with satisfactory results.

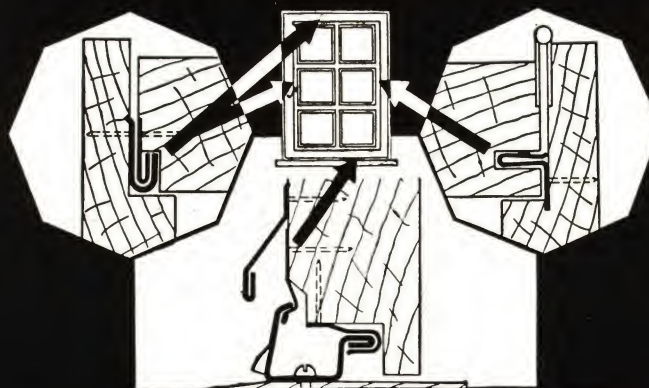
EQUIPMENT NO. 200 "J"



EQUIPMENT NO. 300 "L"

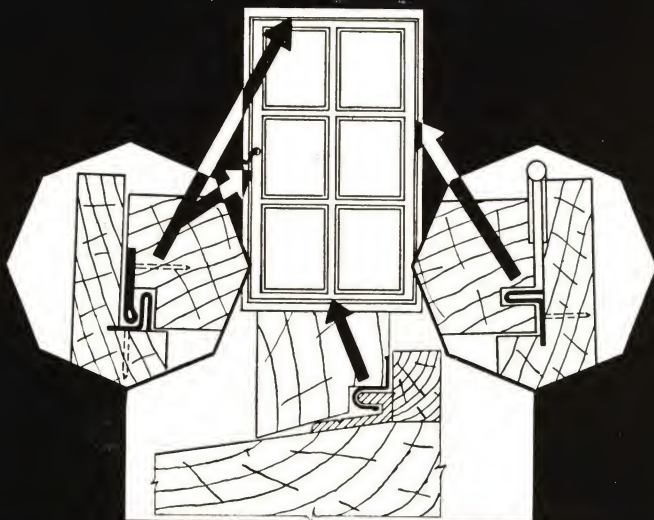


EQUIPMENT NO. 70 "K"



OUTSWINGING CASEMENT AND STEEL SASH WEATHERSTRIPS

EQUIPMENT NO. 80 "L"



TO SPECIFY—Outswinging wood casements shall be equipped with Master Weatherstrip Equipment No. 80-L with special extruded aluminum alloy sill bar, (interlocking strips) (spring bronze weatherstrip) for the sides and top.

MASTER EQUIPMENT No. 80-L

Master Equipment No. 80-L is a thoroughly practical and efficient equipment for outswinging casement windows.

The sill member is made from extruded "Masterloy" aluminum metal with Alumilite finish, and interlocks with a heavy aluminum alloy hook fastened to the sash. The sill member is closely fitted to the wood and so designed that water cannot get back of it.

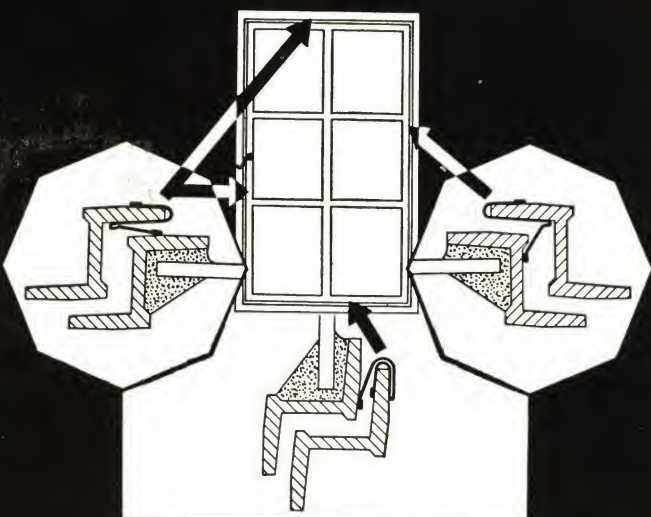
Interlocking strips are shown for the sides and top, and are recommended for severe exposures; although spring bronze tension weatherstrips are optional for the sides and top and are quite satisfactory where exposure is not too severe.

Due to the simplicity of the bottom equipment, it is easily installed with a minimum cutting of the sash.

MASTER EQUIPMENT No. 80-L

Sill	No. 180 Equipment
Top and Lock Side	No. 87 Zinc Double Flat No. 17 Zinc "L"
Hinge Side	No. 17 Zinc "L"

EQUIPMENT NO. 500



TO SPECIFY—Steel Casements shall be equipped with Master Weatherstrip Spring Bronze Equipment No. 500 securely fastened to all corners with Parker-Kalon screws. Installation shall be in accordance with manufacturer's details.

MASTER EQUIPMENT No. 500

While there are many varieties of steel casements, it will be found that this equipment is applicable to all standard and many custom built steel casements.

These strips are made of highly flexible spring bronze and so designed as to permit the windows to close tightly with a minimum of effort. While the strips clamp onto the flanges of the frame, the corners are neatly mitered and fastened with small Parker-Kalon screws.

The No. 507 Strip at the sill is so installed as to eliminate the possibility of dirt or water collecting in the contacting flange.

Thousands of installations throughout the country have shown this equipment to be highly successful in eliminating water and air leakage.

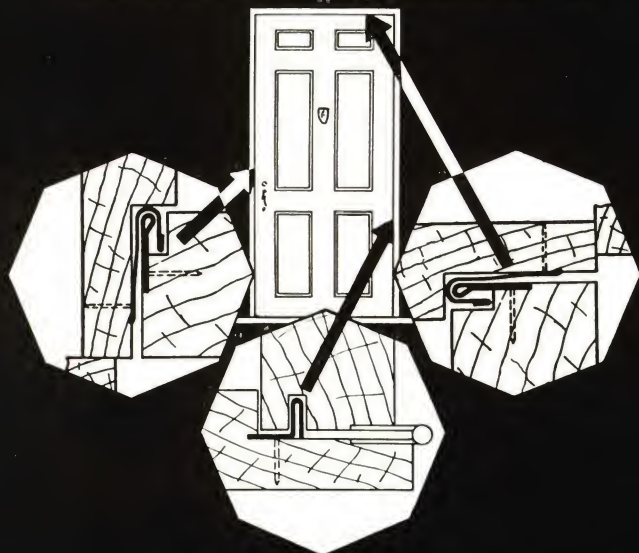
MASTER EQUIPMENT No. 500

Sill	No. 507 Strip
Top and Lock Side	No. 505 Strip
Hinge Side	No. 506 Strip

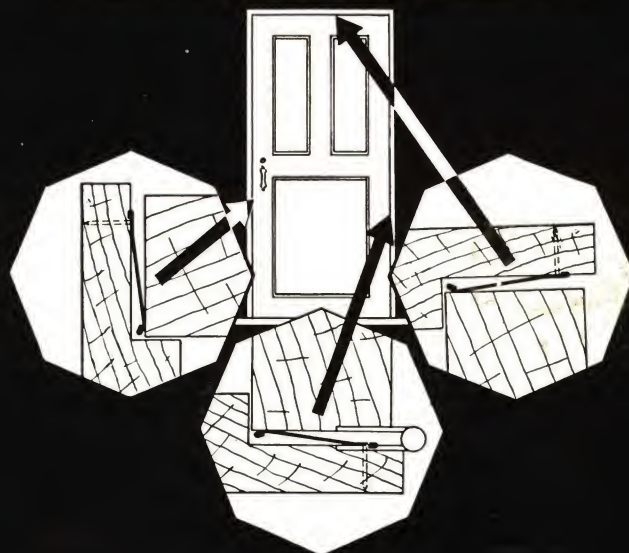


DOOR WEATHERSTRIPS THRESHOLD EQUIPMENT

INTERLOCKING EQUIPMENT "J"



SPRING BRONZE EQUIPMENT "P"



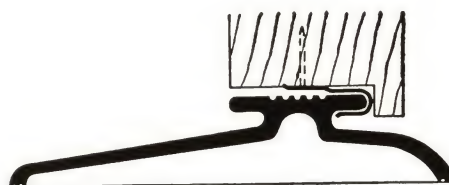
Equipment shown above is especially designed to adjust itself to shrinkage or swelling of the door up to $\frac{1}{4}$ in. All members are bronze, hook strip being of spring temper.

Master spring bronze weatherstrips for doors are made from highly tempered metal, rolled and formed to exacting standards. Edges are double hemmed to eliminate humming.

Shown below are installation details (half size) of several representative sill assemblies. All of these thresholds are available in extruded brass (architectural bronze) or aluminum alloy with Alumilite finish.



AT LEFT—No. 42, $1\frac{1}{8}$ in. Brass Threshold with brass concealed hook.

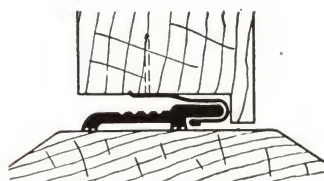


AT LEFT—No. 52, $4\frac{1}{2}$ in. Brass Threshold with brass concealed hook.

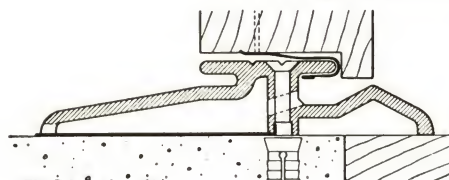
AT RIGHT—No. 43, $1\frac{1}{2}$ in. Brass Threshold with heavy surface hook and spring bronze insert.



AT RIGHT—No. 55, $4\frac{1}{4}$ in. Brass Threshold with heavy brass hook and insert strip.



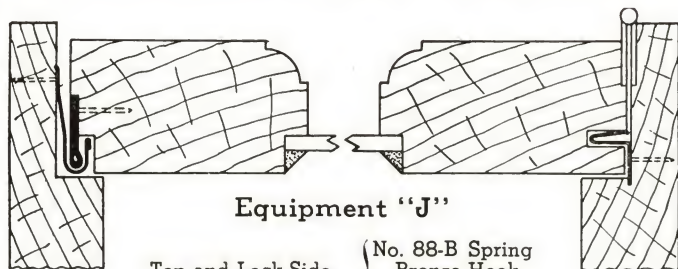
AT LEFT—No. 45, $1\frac{3}{8}$ in. Brass Threshold with flexible bronze hook.



AT LEFT—No. 354, 4 in. Water-proof Type Threshold with flexible bronze hook.

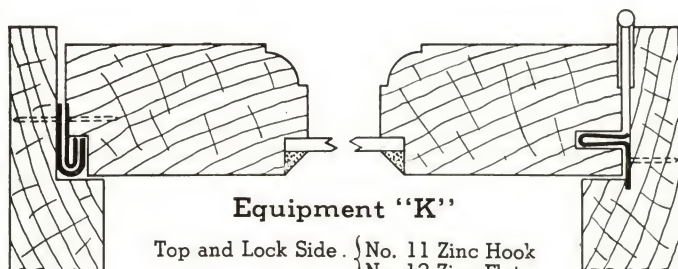


SIDE, TOP AND CENTER EQUIPMENTS FOR DOORS AND WINDOWS



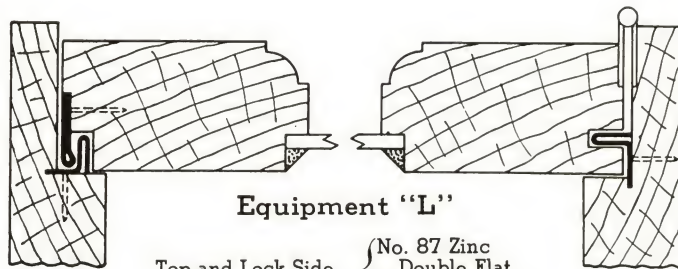
Equipment "J"

Top and Lock Side.. { No. 88-B Spring
Bronze Hook
No. 187 Bronze
Double Flat
Hinge Side.. No. 17-B Spring Bronze "L"



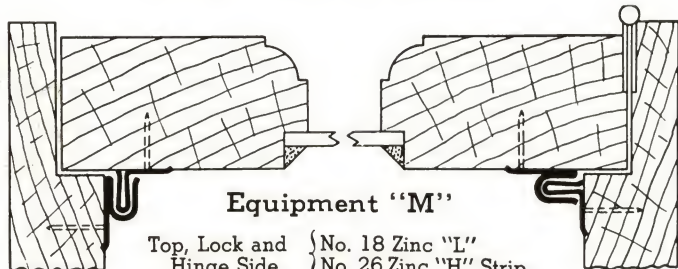
Equipment "K"

Top and Lock Side.. { No. 11 Zinc Hook
No. 12 Zinc Flat
Hinge Side..... No. 18 Zinc "L"



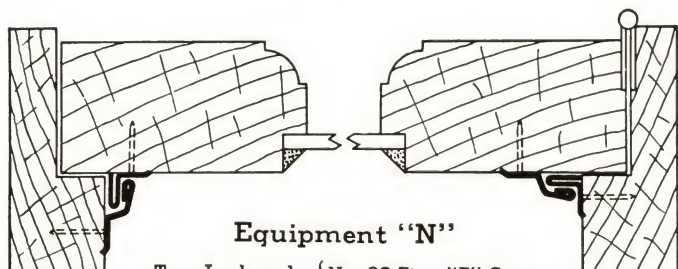
Equipment "L"

Top and Lock Side.. { No. 87 Zinc
Double Flat
No. 17 Zinc "L"
Hinge Side..... No. 17 Zinc "L"



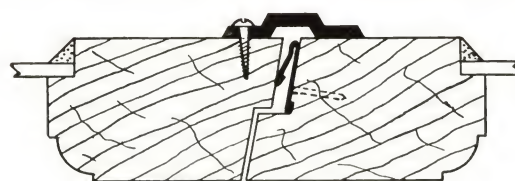
Equipment "M"

Top, Lock and { No. 18 Zinc "L"
Hinge Side.. { No. 26 Zinc "H" Strip



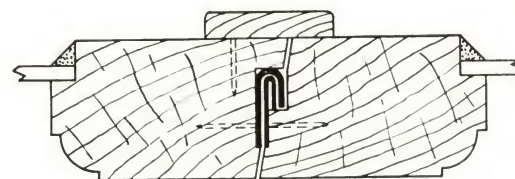
Equipment "N"

Top, Lock and { No. 28 Zinc "Z" Strip
Hinge Side.. { No. 17 Zinc "L"



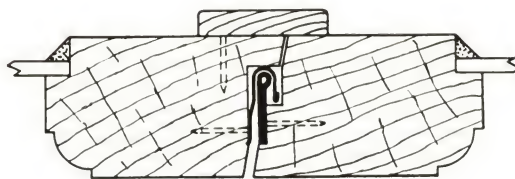
Equipment "V"

No. 79-A Aluminum Astragal
No. 320 Cushion Bronze (or Aluminum)



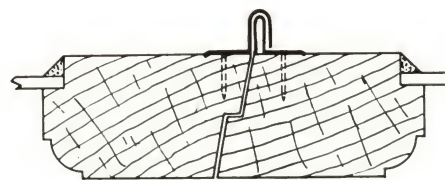
Equipment "R"

No. 11 Zinc (or Bronze) Hook
No. 12 Zinc (or Bronze) Flat



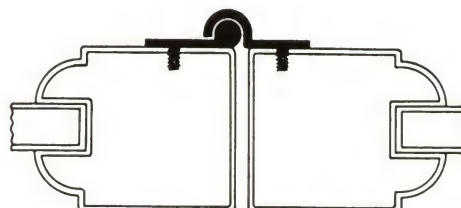
Equipment "S"

No. 74 Spring Bronze Hook
No. 187 Bronze Double Flat



Equipment "T"

No. 27 Zinc (or Bronze) Hook
No. 18 Zinc (or Bronze) "L"



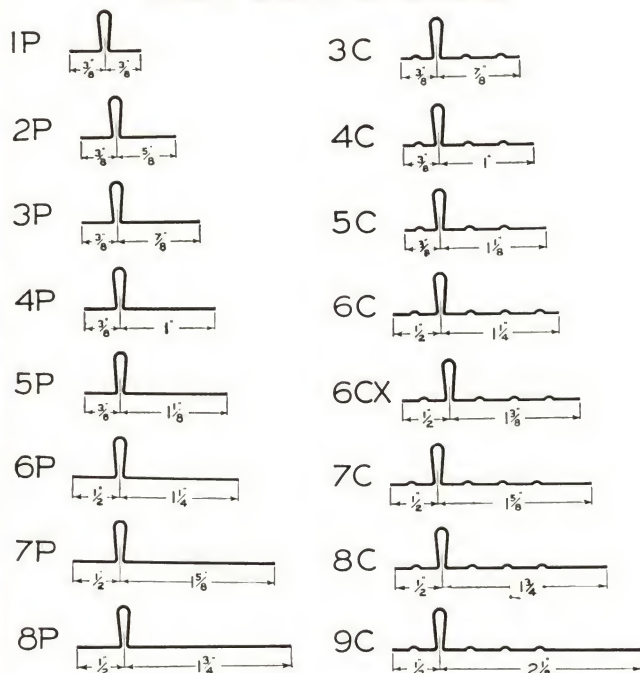
Equipment "U"

No. 160 Extruded Brass Hook
No. 161 Extruded Brass Flat

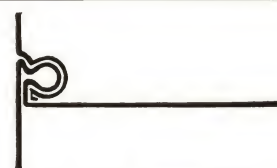


MASTER WEATHERSTRIP SECTIONS

RIB STRIP CHART HALF SIZE DETAILS



HEIGHT OF RIB IS FULL $\frac{1}{2}$ INCH



No. 260 TUBULAR



No. 270 FLEXIBLE

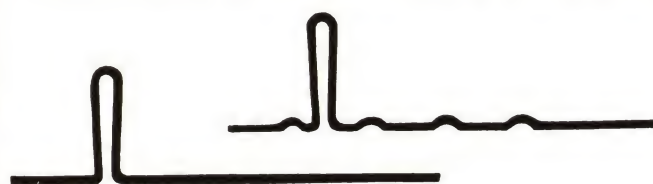


No. 206 SLIDE-EZY



No. 206-S SLIDE-EZY

FOLLOWING STRIPS SHOWN FULL SIZE



MASTER HY-RIB STRIPS



No. 16



No. 15



No. 114B



No. 17



No. 18



No. 28



No. 16H



No. 15H



No. 114



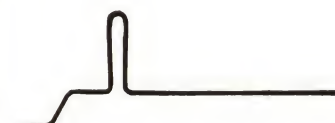
No. 26



No. 18S



No. 19



No. 10



No. 10S



No. 27



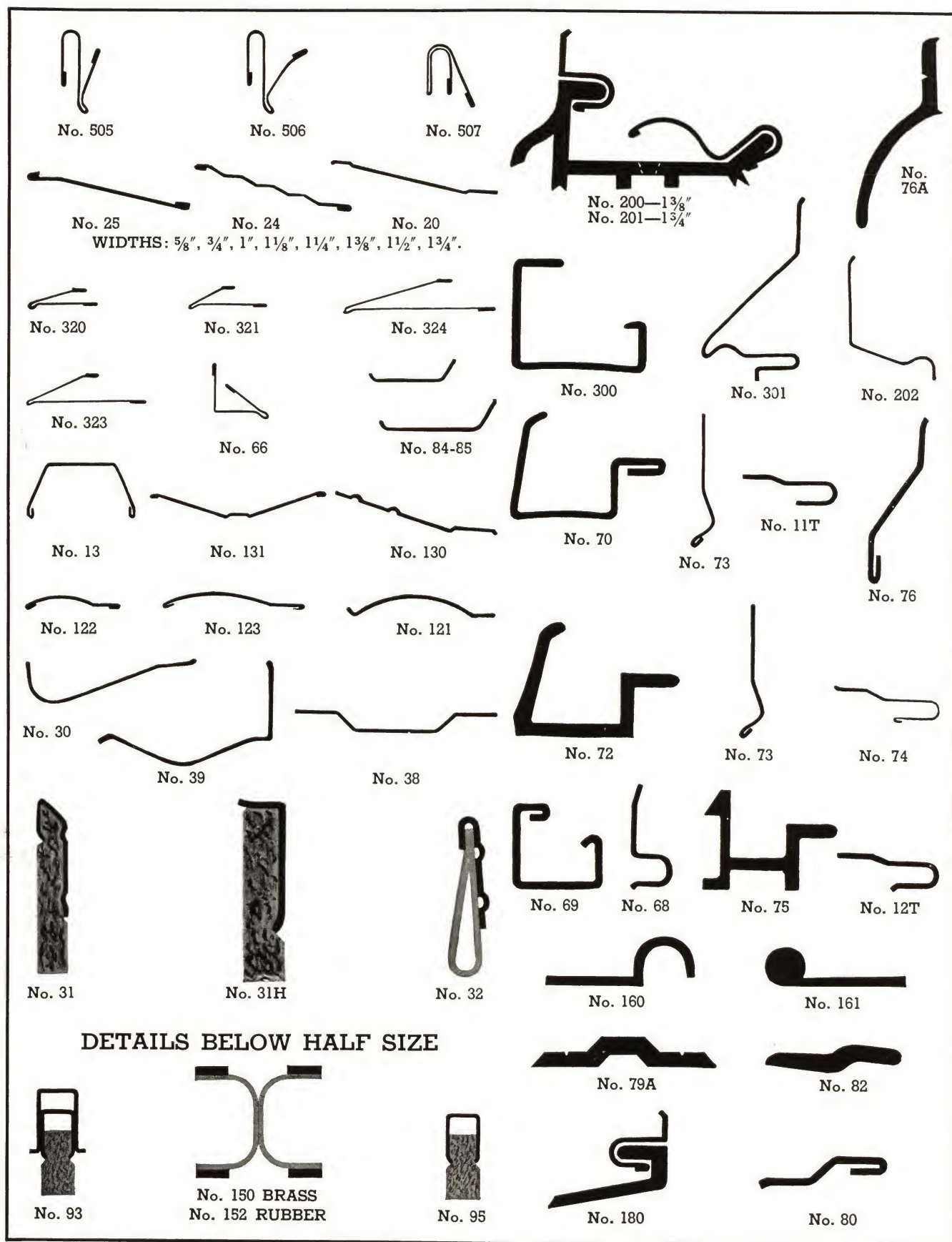
No. 37



No. 17B



MASTER WEATHERSTRIP SECTIONS



MASTER WEATHERSTRIP SECTIONS

DETAILS SHOWN BELOW
ARE FULL SIZE



No. 42



No. 43



No. 45



No. 46

THRESHOLDS SHOWN BELOW
ARE HALF SIZE DETAILS



No. 54—3½" Wide



No. 54B—3½" Wide



No. 55—4¼" Wide



No. 56—4½" Wide



No. 50—3½" Wide
No. 49—4¼" Wide
No. 52—4½" Wide
No. 51—5½" Wide



No. 350—2" Wide
No. 351—2½" Wide
No. 352—3" Wide
No. 353—3½" Wide
No. 354—4" Wide
No. 355—4½" Wide
No. 356—5" Wide
No. 357—5½" Wide
No. 358—6" Wide



No. 67—5" Wide

DETAILS SHOWN BELOW
ARE HALF SIZE



No. 361



No. 363



No. 53—2¼" Wide
No. 53A—2½" Wide
No. 57—3" Wide

No. 58—4" Wide
No. 59—5" Wide
No. 60—6" Wide



No. 61—4" Wide
No. 62—5" Wide
No. 63—6" Wide



No. 710



No. 720



No. 700



No. 780



No. 790

THE FOLLOWING ITEMS
ARE SHOWN FULL SIZE



No. 74



No. 35



No. 88B



No. 33



No. 36



No. 36 With 113 Insert



No. 34S



No. 191
Screen Channel



No. 192-195
Screen Guides

M A S T E R

M E T A L



S T R I P

S E R V I C E